

# SCOTTSDALE TRANSPORTATION COMMISSION REPORT



**To:** Transportation Commission  
**From:** Paul Basha, Transportation Director  
**Subject:** Transportation Master Plan Data and  
Transit Draft Recommendations  
**Meeting Date:** September 3, 2015

## ITEM IN BRIEF

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**Action:** Direction to Transportation Department for Transportation Master Plan Transit Draft Recommendations

### Purpose:

Since March of this year, the Transportation Department has presented to the Transportation Commission for their information and discussion various data and suggestions pertaining to the 2015 Transportation Master Plan. At the May 7 meeting, the Transportation Commission voted unanimously to direct Transportation staff to include possibilities for future rail corridors in Scottsdale. At the September 3 meeting, a summary of some of this information will again be presented to the Transportation Commission for their deliberation. The Transportation Department is requesting specific direction for the following items:

- Specific new Trolley routes
  - Cactus Route or Via Linda Route and 94<sup>th</sup> Street Route
  - Long Airpark Route or Airpark Routes
  - Perimeter
- Scottsdale Road Express Route
- Specific Hayden Road bus route modifications
  - Current Hayden Road Route
  - Hayden Road Route to Honor Health
  - Hayden Road Route only on Hayden Road
- Potential 2040 rail routes in Scottsdale

### Attached Presentation Slides:

At the September 3 meeting, the Transportation Department will provide the following slide number pertaining to each topic:

- 6 employment in Scottsdale
- 1 Scottsdale and metropolitan Phoenix age statistics
- 1 Scottsdale land use
- 6 Scottsdale major street volumes and capacities
- 8 Scottsdale Road in downtown Scottsdale
- 16 Chaparral Road between Miller Road and 78<sup>th</sup> Street.
- 6 Scottsdale bus and trolley data
- 4 Scottsdale trolley and bus routes
- 6 Potential new Scottsdale trolley routes
- 2 Potential new Scottsdale Road express bus route
- 5 Existing and Potential modified Hayden Road bus route
- 3 Potential 2040 rail routes in Scottsdale
- 17 Scottsdale Road property photographs
- 15 Central Avenue property photographs

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**Staff Contact:** Paul Basha, 480-312-7651; [pbasha@scottsdaleaz.gov](mailto:pbasha@scottsdaleaz.gov)

# Scottsdale Atypical

## Net Importer of Jobs

### 1.80 jobs-per-household



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## Residents and Employees of Scottsdale

55% work in Scottsdale and live elsewhere.

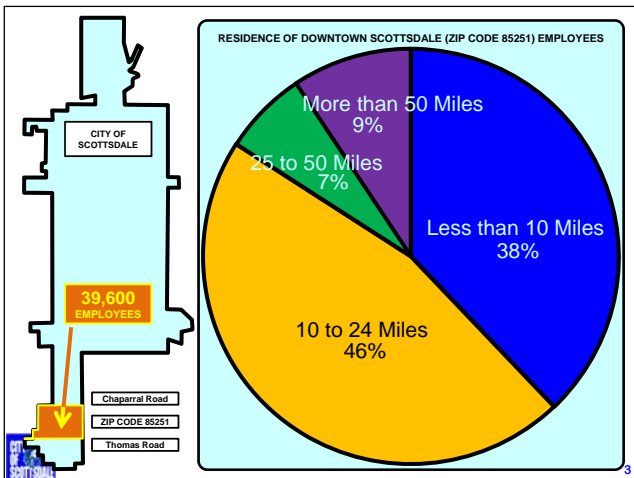
28% live in Scottsdale and work elsewhere.

17% live and work in Scottsdale

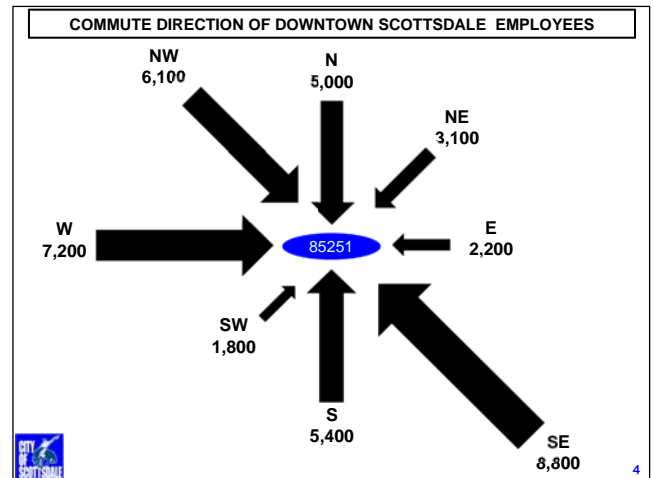


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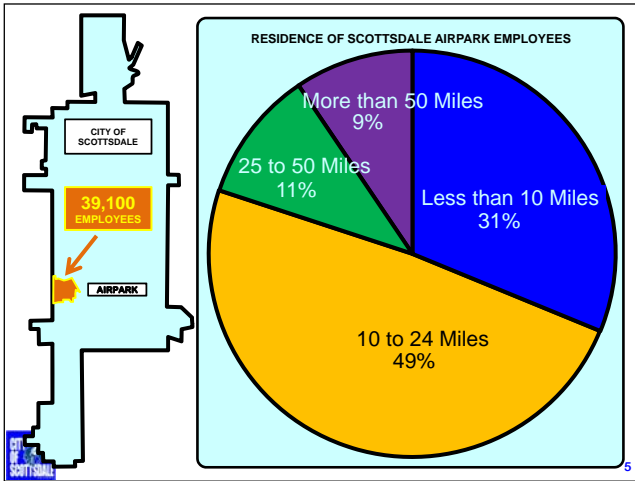
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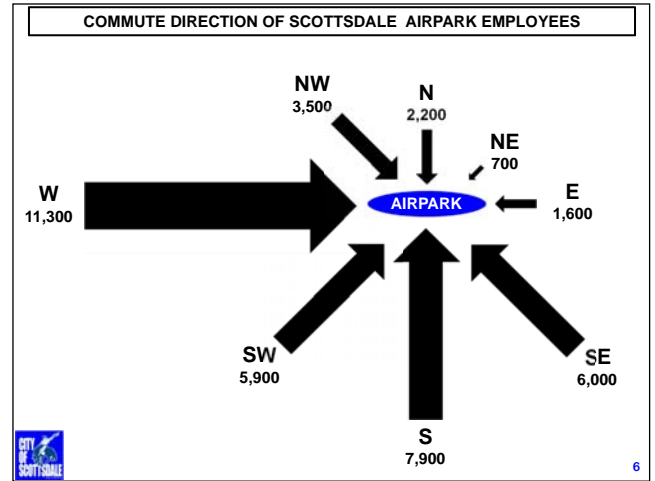
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## Selected Age Percentages

Over 74 Years Old			
YEAR	SCOTTSDALE	METROPOLITAN PHOENIX	
2000	8%	6%	
2010	9%	5%	

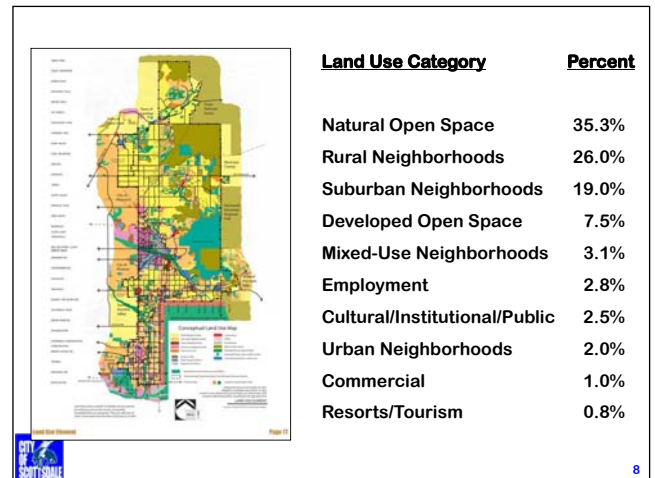
  

65 to 74 Years Old			
YEAR	SCOTTSDALE	METROPOLITAN PHOENIX	
2000	9%	6%	
2010	11%	7%	

45 to 64 Years Old			
YEAR	SCOTTSDALE	METROPOLITAN PHOENIX	
2000	27%	20%	
2010	31%	17%	

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## 2014 DAILY TRAFFIC VOLUMES

### ARTERIALS

Over or Near Capacity..... 25%  
 Between 50% and 80% of Capacity..... 45%  
 Less than 50% of Capacity..... 30%

### COLLECTORS

Over or Near Capacity..... 8%  
 Between 50% and 80% of Capacity..... 18%  
 Less than 50% of Capacity..... 74%



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## SEGMENTS OVER CAPACITY

**Scottsdale:** SR-101 to Pinnacle Peak

**Pima:** Pinnacle Peak to Happy Valley

**Indian School:** Drinkwater to Pima

**Chaparral:** Miller to 78<sup>th</sup>

**Shea:** SR-101 to 96<sup>th</sup>

**Cactus:** Hayden to SR-101



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## SEGMENTS NEAR CAPACITY

**14 Segments at 90% of Capacity**

**33 Segments at 80% of Capacity**

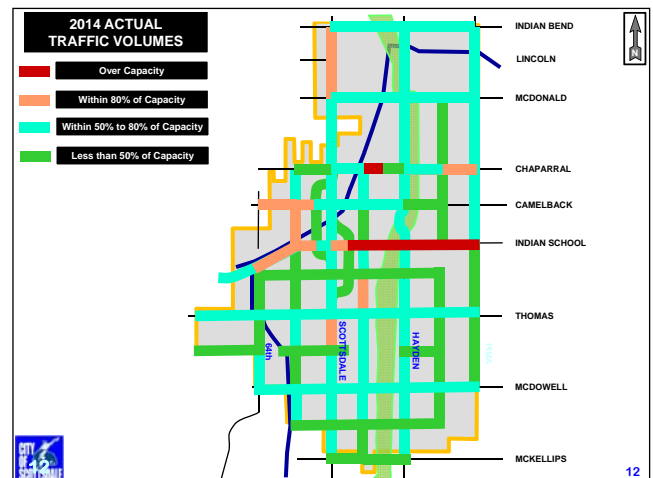
**29 Segments at 70% of Capacity**

**44 Segments at 60% of Capacity**



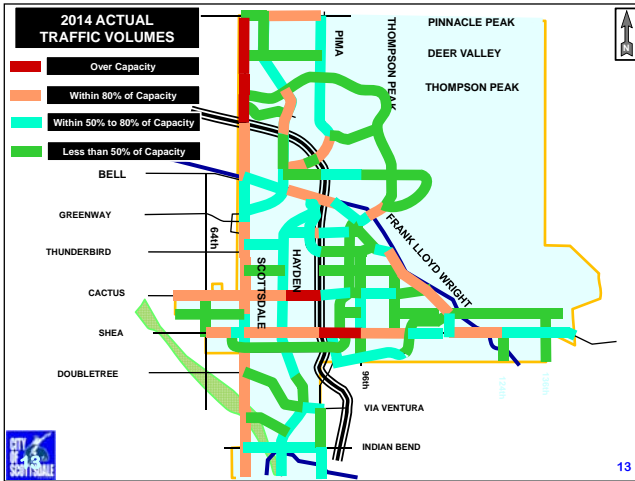
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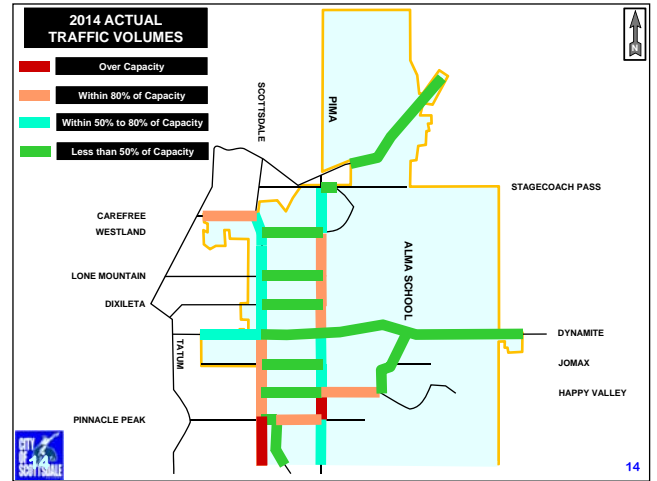


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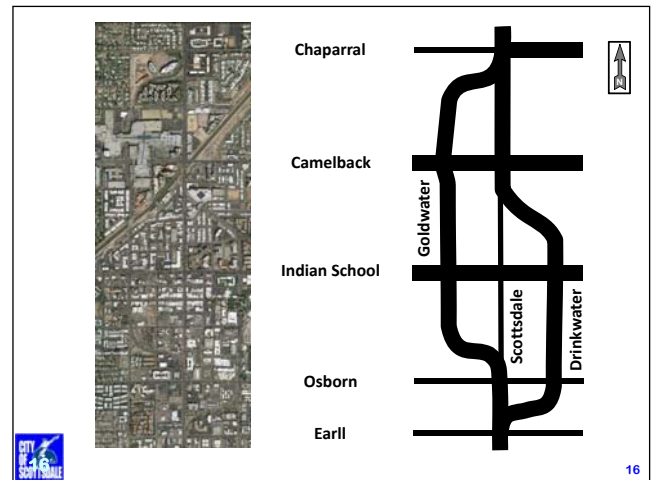
# Transportation Master Plan

## POSSIBLE RECOMMENDATION

**Reduce Scottsdale Road, between Drinkwater and Goldwater, to one-lane-per-direction**

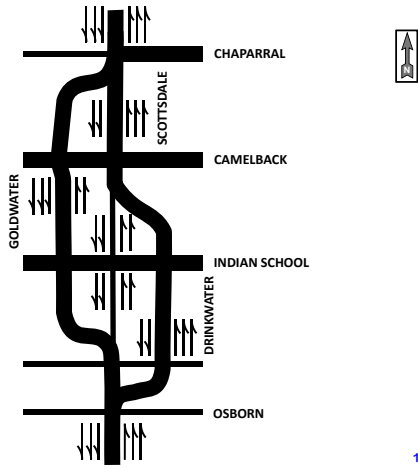
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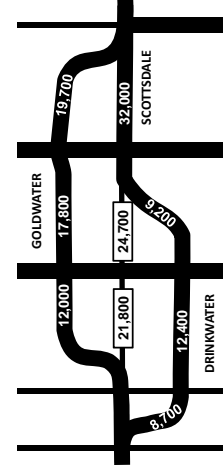
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**CURRENT  
LANE  
NUMBER**



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**DAILY  
TRAFFIC  
VOLUME**

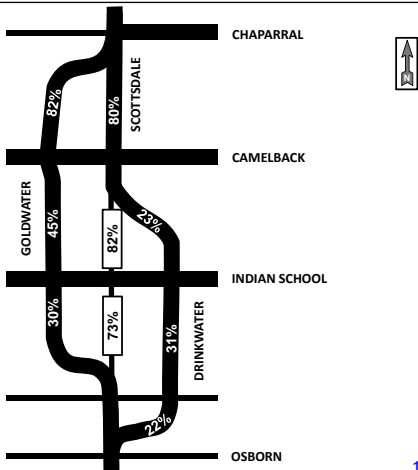


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**PORTION  
OF  
CAPACITY**



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**Scottsdale Road, Southbound, South of Main Street**



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**Scottsdale Road, Southbound, South of Main Street**



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**Scottsdale Road, Southbound, South of Main Street**



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## Transportation Master Plan

# POSSIBLE RECOMMENDATION

**Increase Chaparral, Miller to 78<sup>th</sup>, to  
two-lanes-per-direction**



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## Transportation Master Plan

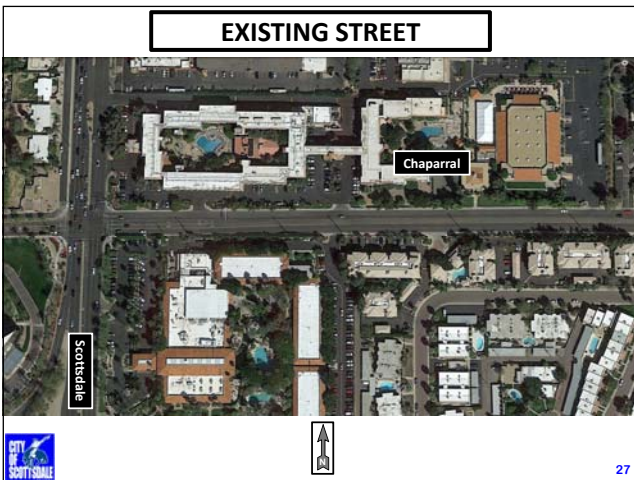
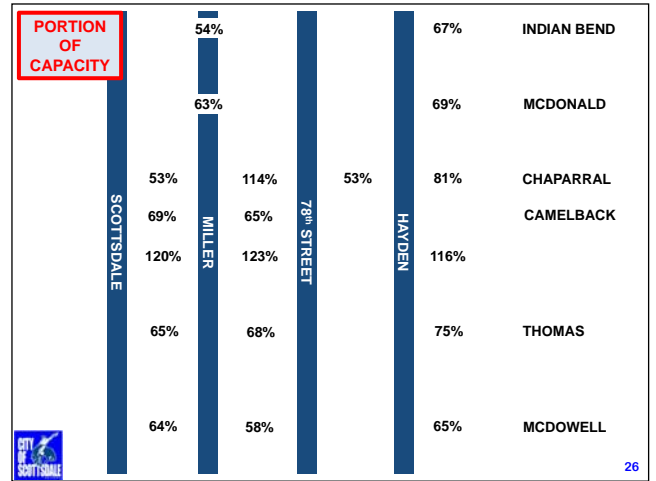
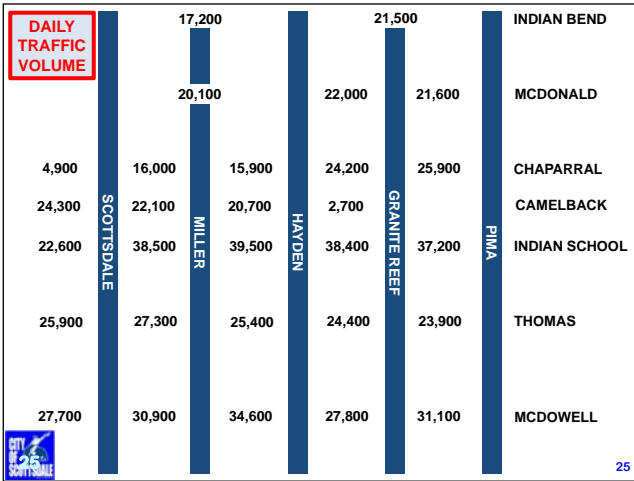
**High traffic volumes and congestion  
on Chaparral Road, from Miller Road  
to 78<sup>th</sup> Street .**

**High traffic volumes and congestion  
on Indian School Road, from  
Scottsdale Road to Pima Road .**

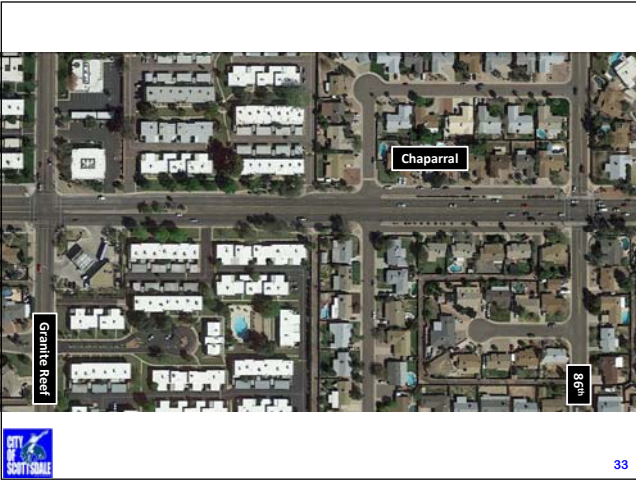


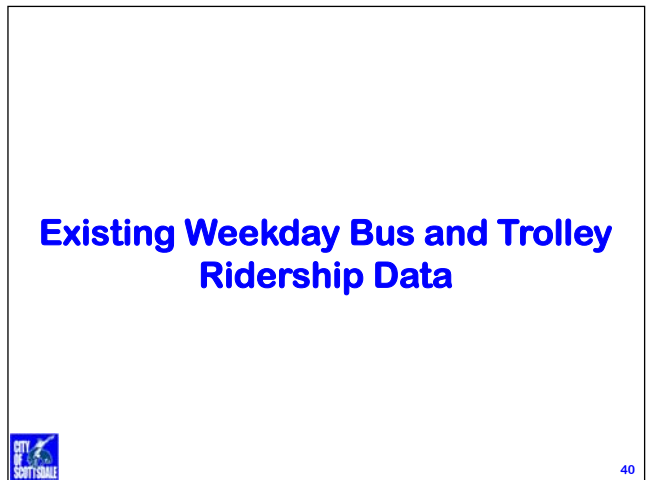
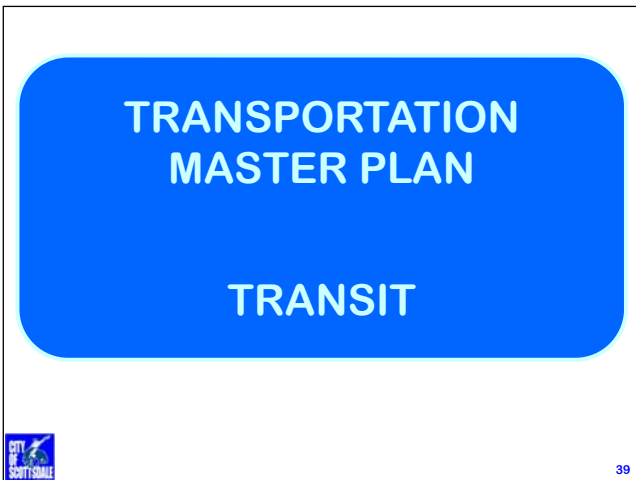
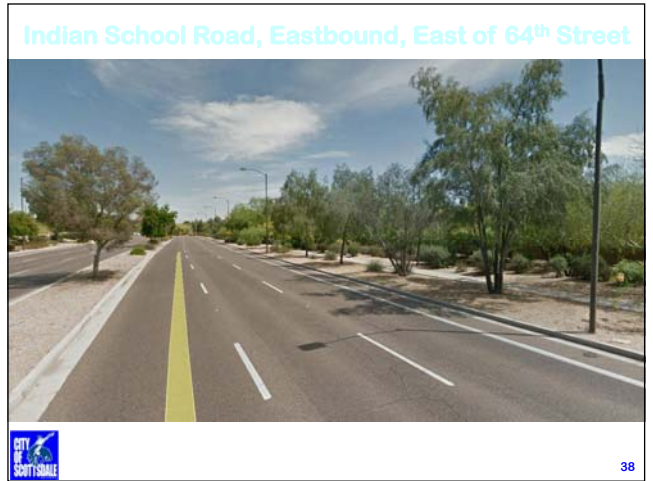
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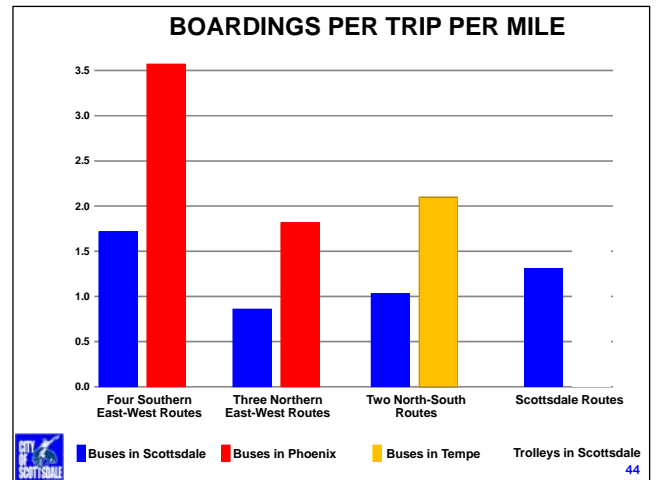
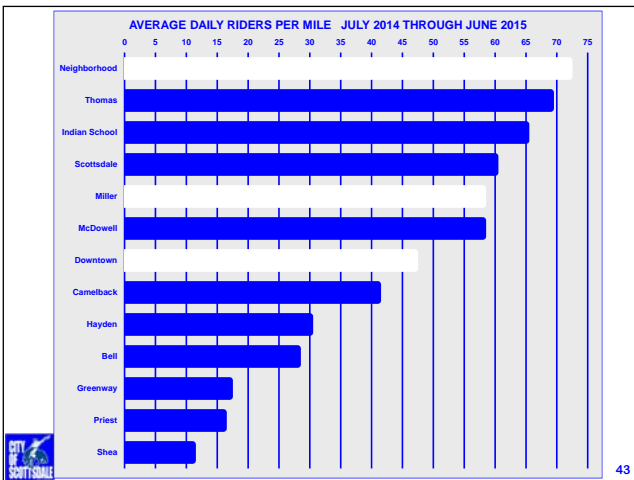
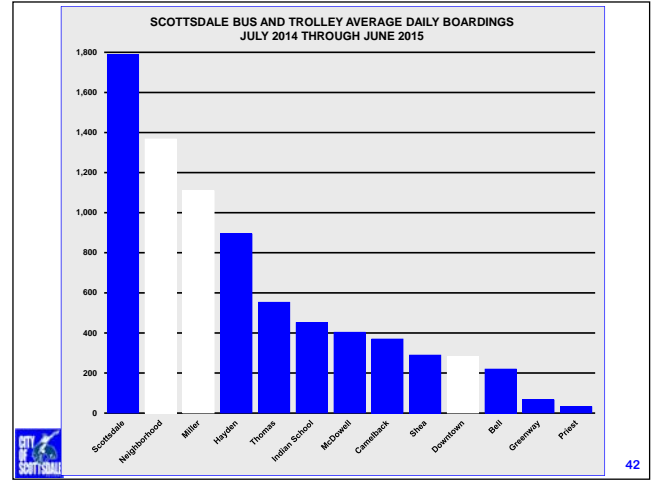
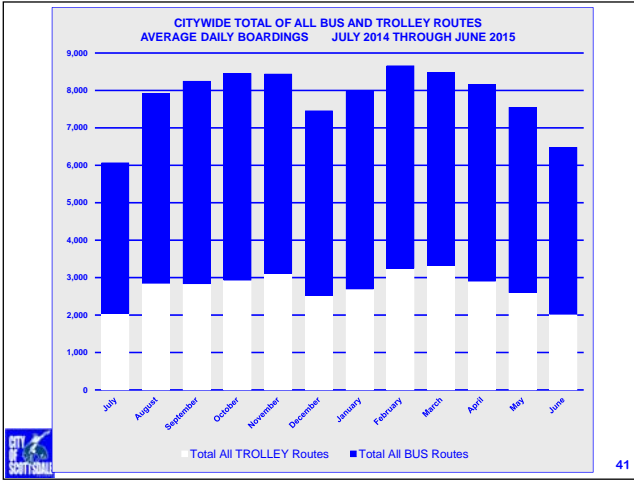
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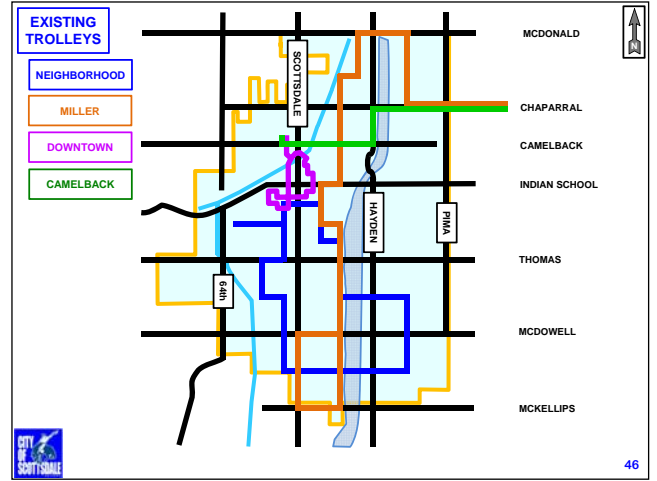




# Existing Bus and Trolley Routes



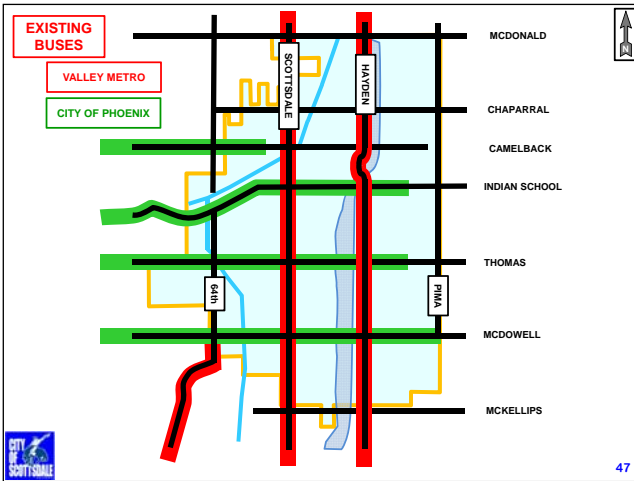
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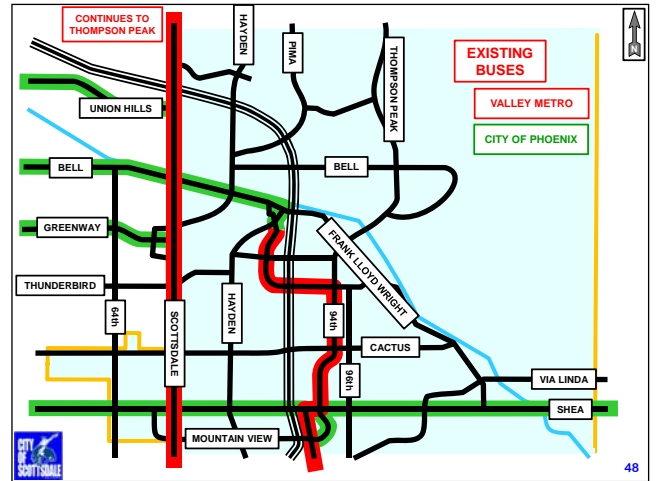
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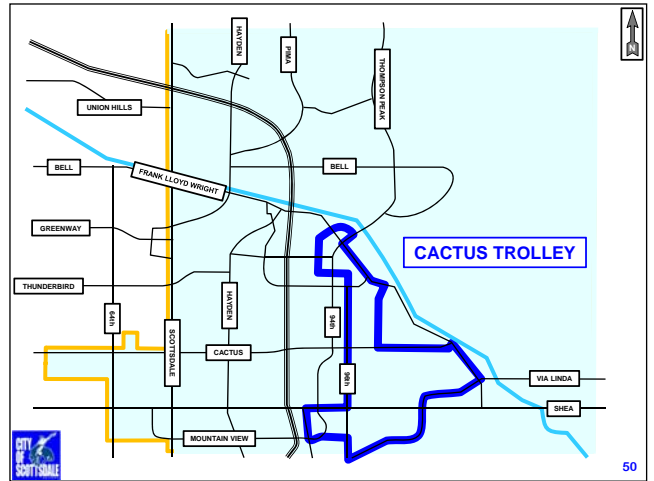
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# Potential New Trolley Routes



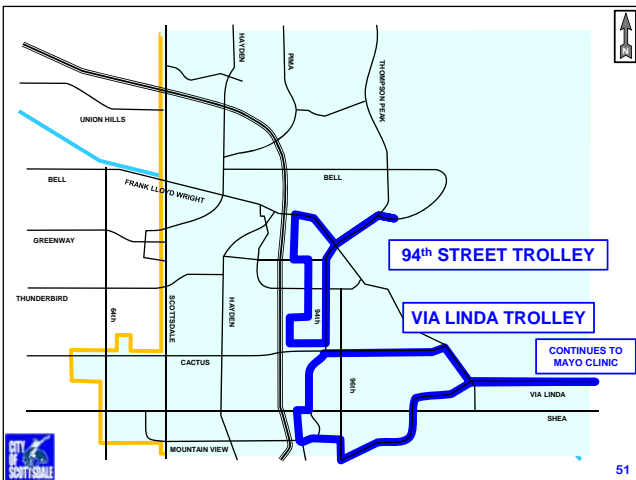
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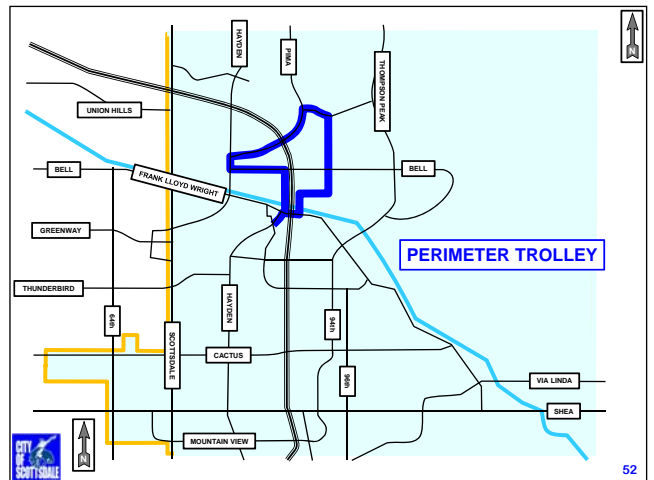
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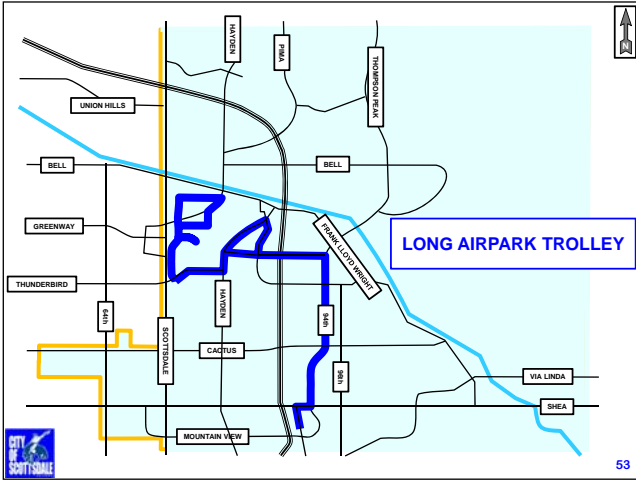
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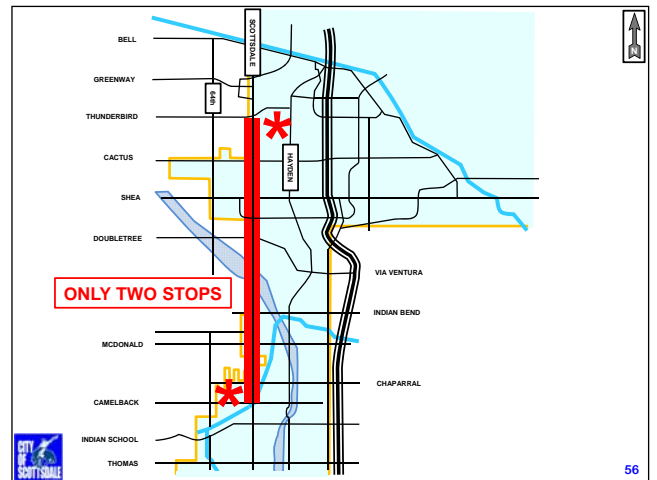
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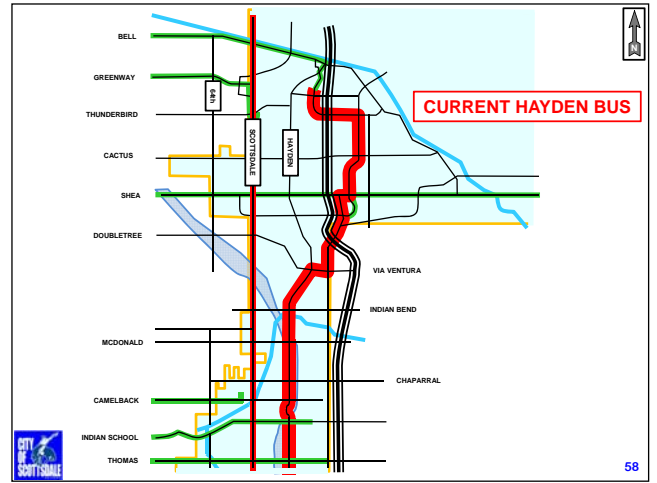
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# Hayden Bus Route Alternatives



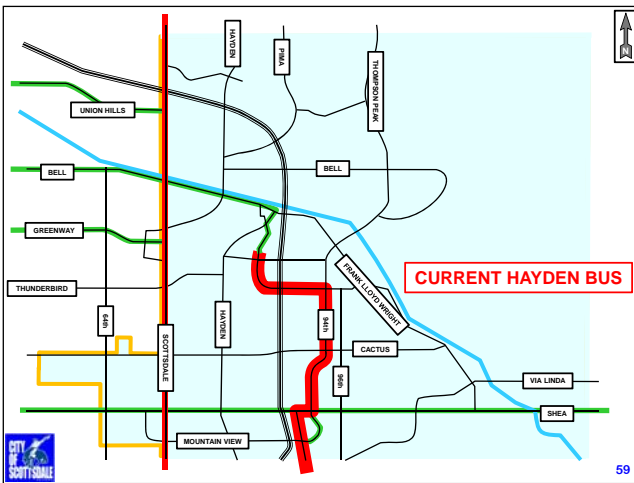
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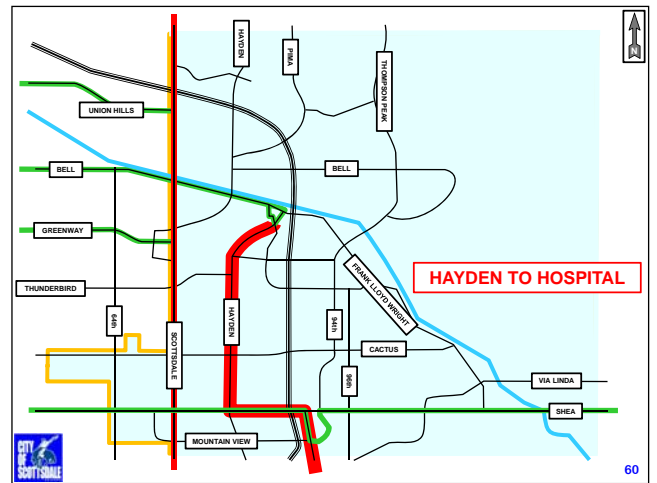
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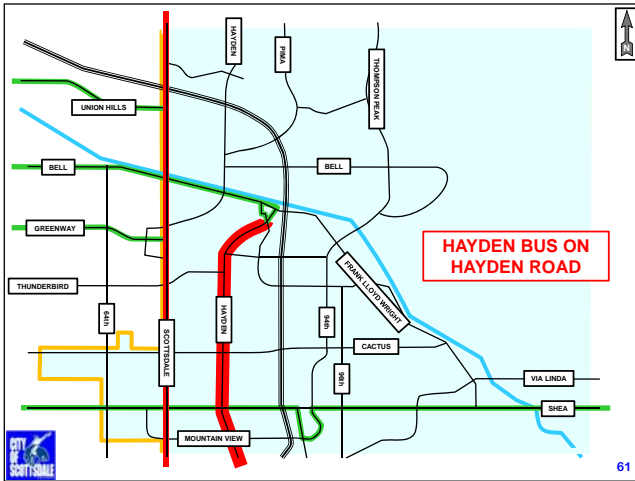
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# Potential 2040 Rail Routes



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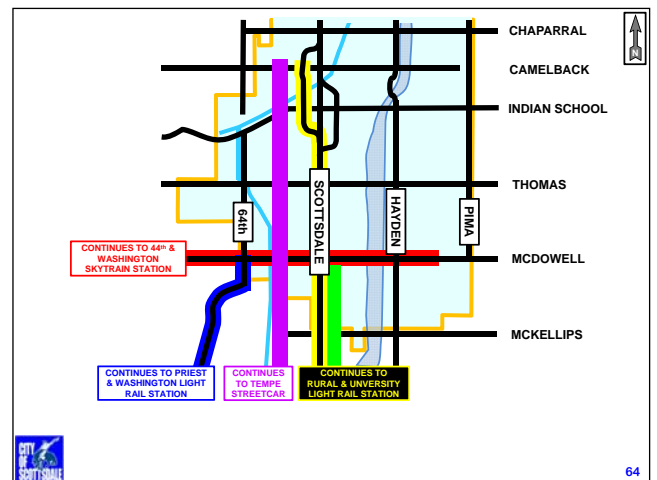
## High Capacity Transit Three Different Definitions

1. Rail
2. High Frequency
3. Many Seats



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## Photographs Existing Scottsdale Road Adjacent Properties



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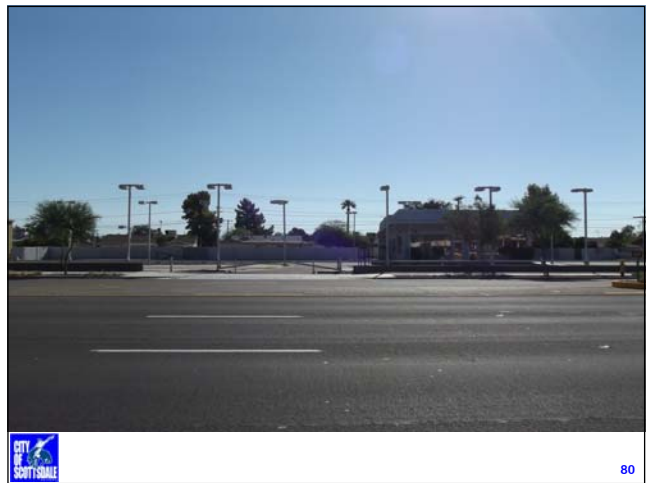
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## Photographs Existing Central Avenue Adjacent Properties With Light Rail



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